

REPAIR LIST

No. 5

— F O R —

U.S. Reuther Model Potato Digger

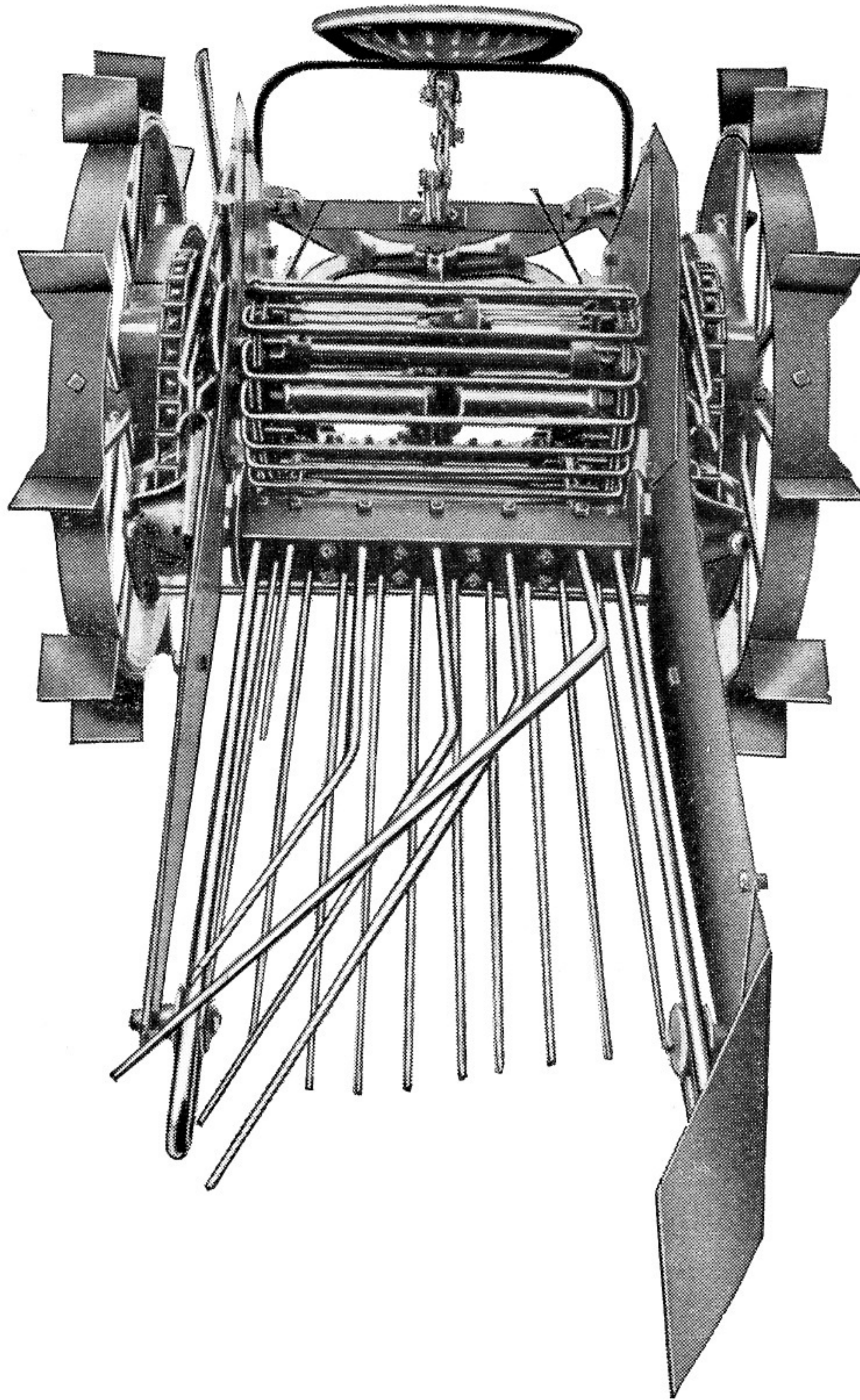


LeRoy Plow Company
LeRoy, N. Y.

MANUFACTURED BY

~~U.S. Wind Engine & Pump Co.~~

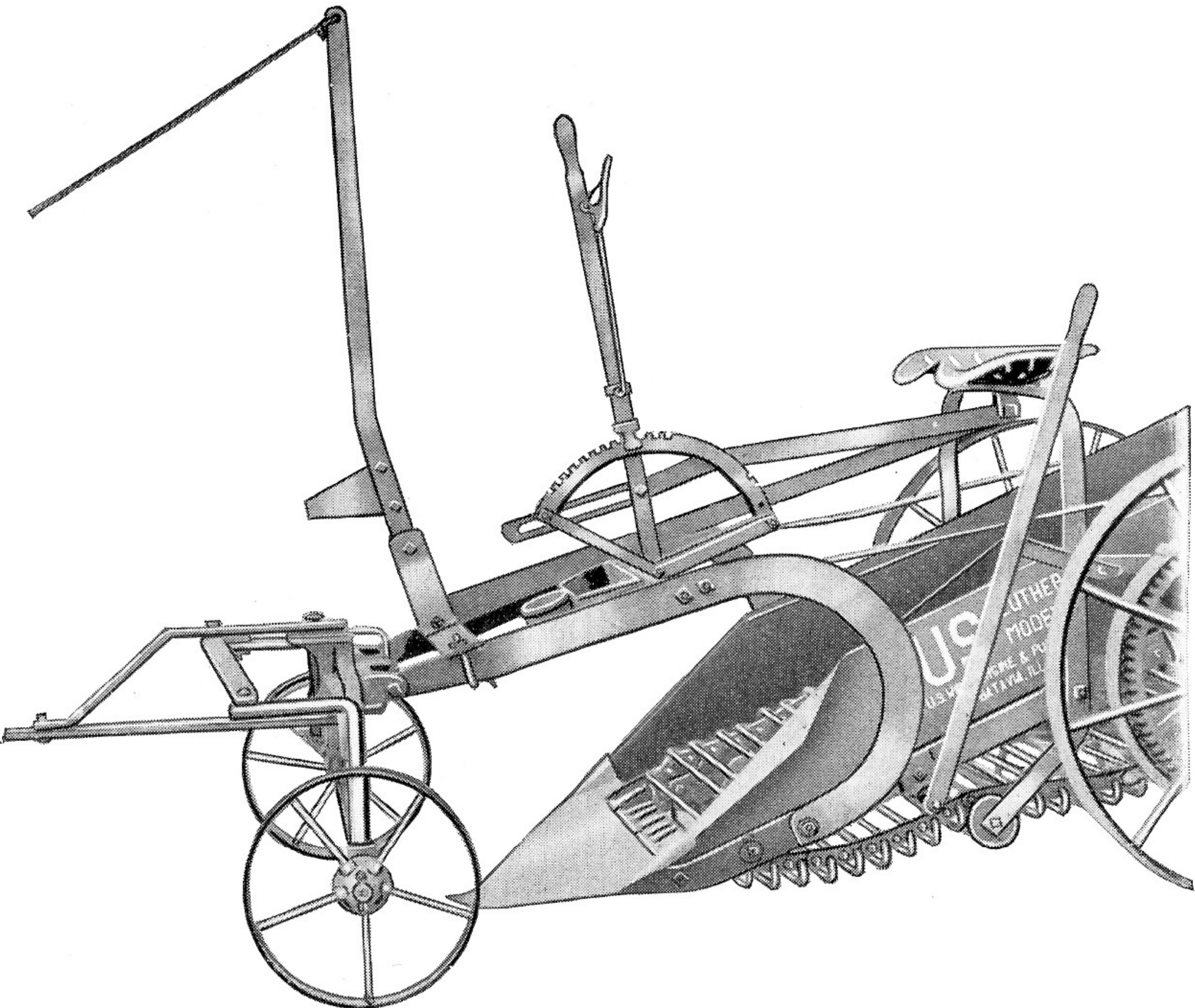
~~BATAVIA, ILLINOIS~~



**REAR VIEW OF DIGGER SHOWING
SHAKER AND VINE RODS.**

All parts are supposed to be illustrated and listed in the following pages. Should the desired parts not be readily identified from the chart or descriptive repair list mark the location on the above cut or on the illustration on opposite page and send it in with full description of what is wanted.

This model of U. S. Reuther Digger has 32" drive wheels, 36" tread and 22" width of bed and is 6 feet long from plow point to rear of elevator.

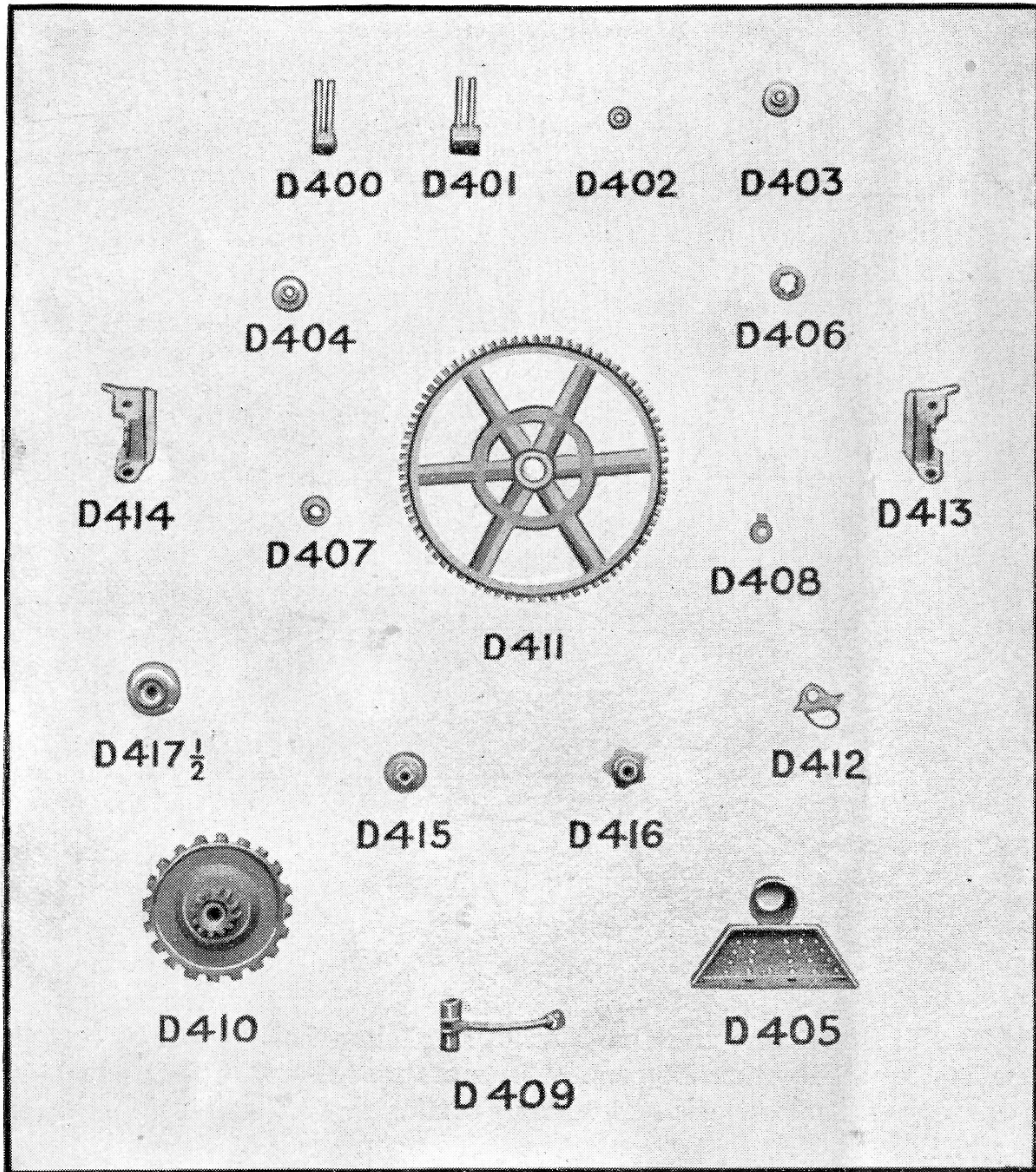


The Tractor Hitch and One-Man Control shown above can be furnished complete for all Reuther Diggers. These are made so that they can be put on the digger in a few minutes without drilling any holes and requiring only a wrench.

This arrangement will prove a great labor saver. The man operating the tractor is able to operate the digger from his seat.

We can furnish the Tractor Hitch only without the One-Man Control if so desired.

| | |
|--|---------|
| Tractor Hitch only | \$ 6.00 |
| One-Man Control only | 10.00 |
| <hr/> | |
| Tractor Hitch and One-Man Control complete | \$16.00 |



Don't order parts from the illustration only; refer to the list also.

NOTE

Before 1927 we manufactured two types of elevator beds, the Model "A" our regular chain type and the Model "B" a link bar type for sandy soil only. The elevator beds, sprockets and rolls are not interchangeable. If you are in doubt as to the type digger you have refer to the cuts on page 10. No. 3184 is the Model "A" and 3187½ is the Model "B" Type. All parts for both types are listed in this catalog and plainly marked.

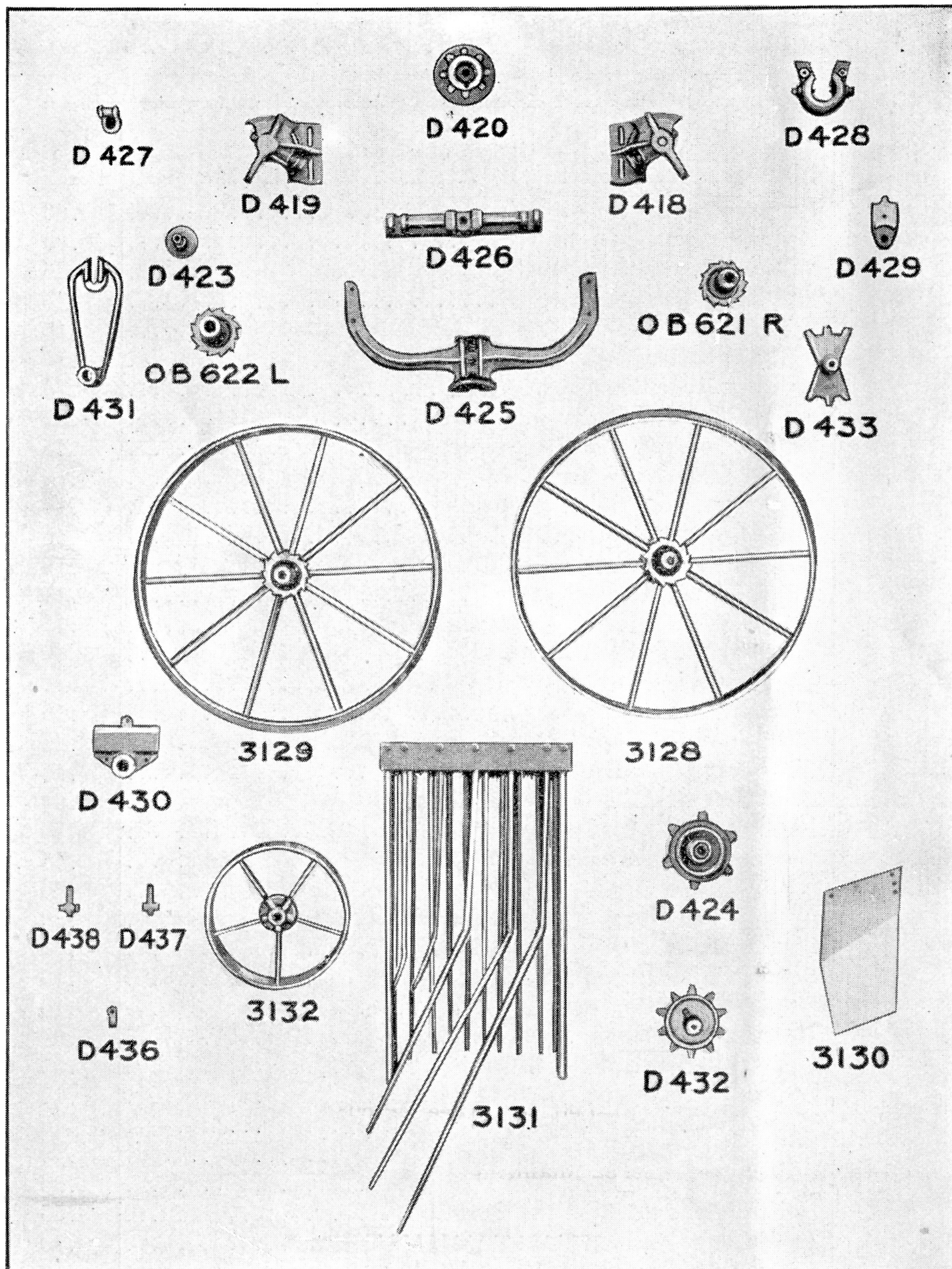
PRICE LIST OF EXTRA PARTS FOR U. S. REUTHER POTATO DIGGER

Illustrations on Opposite Page

| Casting No. | Description of Parts | List Price |
|--------------------|---|------------|
| D400 | Agitator Lever Clip with Key. *S-2..... | \$.55 |
| D401 | Agitator Axle Clip. *S-3..... | .30 |
| D402 | Agitator Sector and Elevator Shield Washer. *S-17..... | .15 |
| D403 | Agitator Roller only. *S-20..... | .25 |
| | Agitator Roller complete with Bolt and Bushing..... | .45 |
| | Agitator Roller Bushing only 3175 $\frac{1}{2}$ "x1 $\frac{7}{8}$ "..... | .10 |
| | Agitator Roller Bolt only $\frac{7}{16}$ "x2 $\frac{3}{4}$ "..... | .10 |
| D404 | Shaker Grooved Roller only. *S-21..... | .25 |
| | Shaker Grooved Roller with Bolt and Bushing..... | .45 |
| | Shaker Grooved Roller Bushing No. 3174 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "..... | .10 |
| | Shaker Grooved Roller Bolt $\frac{7}{16}$ "x3 $\frac{1}{4}$ "..... | .10 |
| D405 | Tool Box. *S-22..... | 1.45 |
| D406 | Drive Wheel Washer. *S-23 (For Wheels 3128 and 3129 only) | .15 |
| D407 | Truck Wheel Washer. *S-24..... | .15 |
| D408 | Oil Washer for Square and Round Roller. *S-36..... | .15 |
| D409 | Adjustable Box with Pipe and Female Grease Cup. *S-40.. | 1.60 |
| | Female Grease Cup only No. 3176 $\frac{1}{2}$ | .10 |
| | Pipe only for Adjustable Box..... | .15 |
| D410 | Pinion and Sprocket with 2 Keys. *S-42..... | 2.45 |
| | Keys only for above No. 3200 $\frac{1}{2}$ | .10 |
| D411 | Gear for Drive Wheel (Replaced by D439). *S-47..... | 5.60 |
| D412 | Ratchet Pawl with Spring. *S-48..... | .55 |
| D413 | Bracket for Square or Round Roller—R. *S-51..... | .45 |
| D414 | Do —L. *S-52..... | .45 |
| D415 | Square Roller back of Shovel for Model "A" only. *S-54... | .30 |
| | Square Roller with Bolt and Bushing..... | .55 |
| | Square Roller Bushing No. 3172 $\frac{1}{2}$ "x3 $\frac{13}{16}$ "..... | .15 |
| | Square Roller Bolt only $\frac{5}{16}$ "x5"..... | .10 |
| D416 | Upper Idler. *S-55..... | .35 |
| | Upper Idler with Bolt and Bushing..... | .55 |
| | Upper Idler Bushing No. 3174 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "..... | .10 |
| | Upper Idler Bolt Front— $\frac{7}{16}$ "x4"..... | .10 |
| | Upper Idler Bolt Rear— $\frac{7}{16}$ "x3 $\frac{1}{2}$ "..... | .10 |
| D417 $\frac{1}{2}$ | Lower Idler with Long Hub. *S-56..... | .35 |
| | Lower Idler with Bolt and Bushing..... | .55 |
| | Lower Idler Bushing No. 3173 $\frac{1}{2}$ "x1 $\frac{9}{16}$ "..... | .10 |
| | Lower Idler Bolt $\frac{7}{16}$ "x2 $\frac{3}{4}$ "..... | .10 |

*Casting Numbers Used Before 1923.

Don't order parts from the illustrations only; refer to the list also.



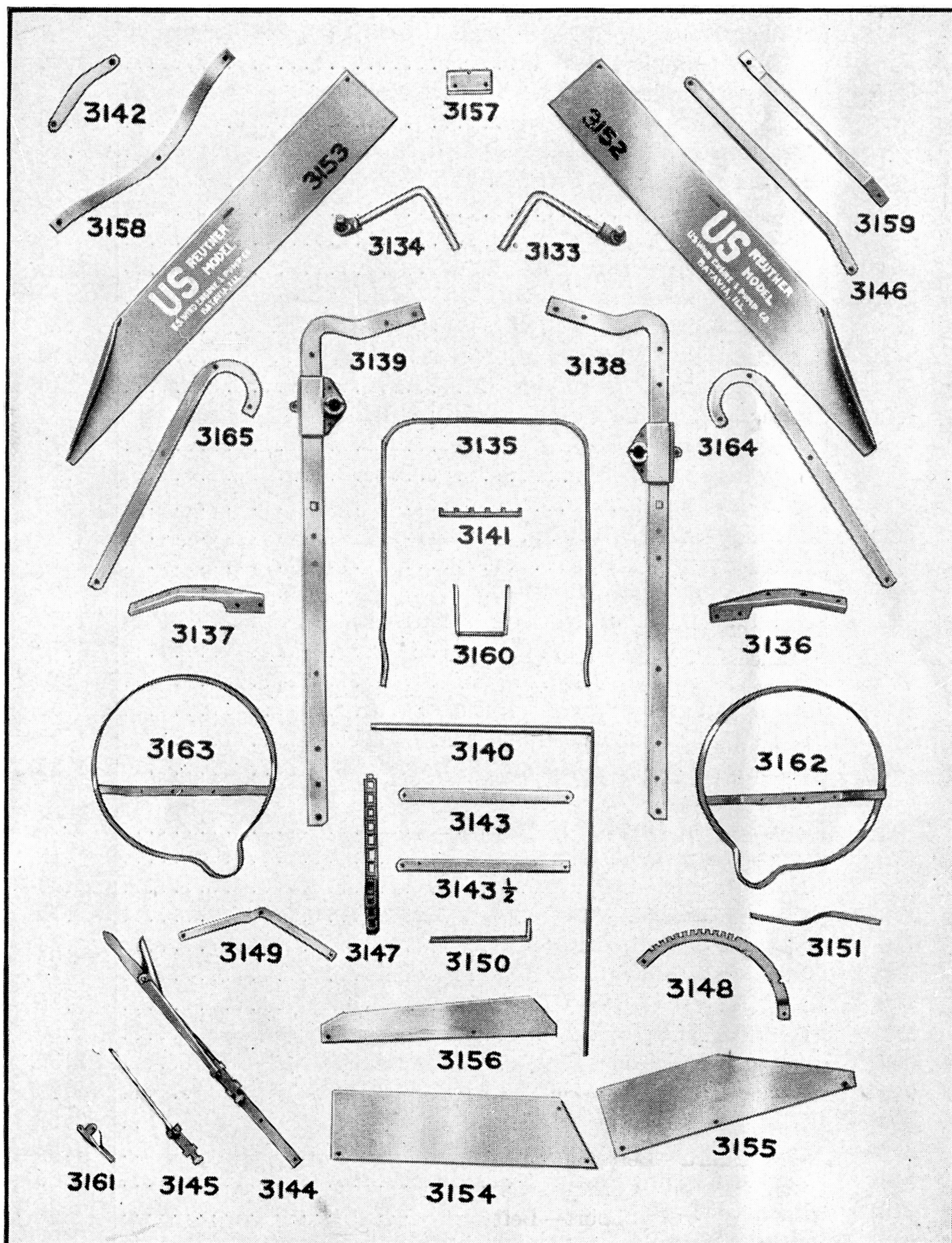
Don't order parts from the illustrations only; refer to the list also.

U. S. WIND ENGINE & PUMP CO., BATAVIA, ILLINOIS, U. S. A.

| Casting No. | Description of Parts | List Price |
|-------------|---|------------|
| D418 | Shaker Housing—Right— with Grease Cup, Set Screw and Shaft Complete. *S-63..... | \$ 3.20 |
| D419 | Shaker Housing—Left—with Grease Cup, Set Screw and Shaft Complete. *S-64..... | 3.20 |
| | Grease Cup only for Right or Left No. 3176 | .10 |
| | Shaft only Right or Left No. 3171—1" diam..... | .80 |
| | Set Screw only..... | .10 |
| | Plow Bolt only $\frac{1}{2}$ "x1 $\frac{3}{4}$ "..... | .10 |
| D420 | Shaker Driving Sprocket. *S-67..... | 1.95 |
| D423 | Round Roller Back of Scoop for Model "B" only. *S-70 ... | .30 |
| | Round Roller Complete with Bushing and Bolt..... | .55 |
| | Round Roller Bushing only No. 3172 $\frac{1}{2}$ "x3 $\frac{13}{16}$ "..... | .15 |
| | Round Roller Bolt only $\frac{5}{16}$ "x5"..... | .10 |
| D424 | Elevator Driving Sprocket for Model "B" complete with Set Screw and Key. *S-71..... | 1.75 |
| | Key only No. 3200 $\frac{1}{2}$ | .10 |
| | Set Screw only..... | .10 |
| D425 | Truck Arch. *S-72..... | 3.85 |
| D426 | Draft Evener. *S-73..... | 2.25 |
| D427 | Casting for Truck L. *S-75..... | .30 |
| D428 | Bracket for Adjustable Box (D409) with Set Screws. *S-76 | 1.00 |
| | Set Screws for above..... | .10 |
| | Plow Bolts only $\frac{1}{2}$ "x2 $\frac{1}{4}$ "..... | .10 |
| D429 | Agitator Lever Bracket. *S-77..... | .35 |
| D430 | Sliding Box on Frame. *S-79..... | 1.15 |
| D431 | Elevator Guard for Model "B" Bed. *S-80..... | 1.25 |
| D432 | Elevator Driving Sprocket for Model "A" complete with Set Screw and Key. *S-81..... | 1.75 |
| | Set Screw only..... | .10 |
| | Key only No. 3200 $\frac{1}{2}$ | .10 |
| D433 | Oblong Sprocket. *S-82..... | .75 |
| D436 | Finger Rod Support. *S-13..... | .10 |
| D437 | Intermediate Finger. *S-14..... | .15 |
| D438 | End Finger. *S-15 (For Shovel 3204 only)..... | .15 |
| D439 | Gear for Drive Wheel (See pages 14 and 15)..... | 5.60 |
| 0B621R | Drive Wheel Hub—Right... (See RP-503R page 15)..... | 2.80 |
| 0B622L | Drive Wheel Hub—Left... (See RP-503L page 15)..... | 2.80 |
| 3128 | Right Drive Wheel 32" diam. { See wheel 3243 page 15 } .. | 7.50 |
| 3129 | Left Drive Wheel 32" diam.. } | 7.50 |
| 3130 | Shaker Clearing Shield..... | .85 |
| 3131 | Shaker Complete..... | 11.20 |
| 3132 | Truck Wheel 14 $\frac{1}{2}$ " Diameter..... | 2.75 |

*Casting Numbers Used Before 1923.

Don't order parts from the illustrations only; refer to the list also.

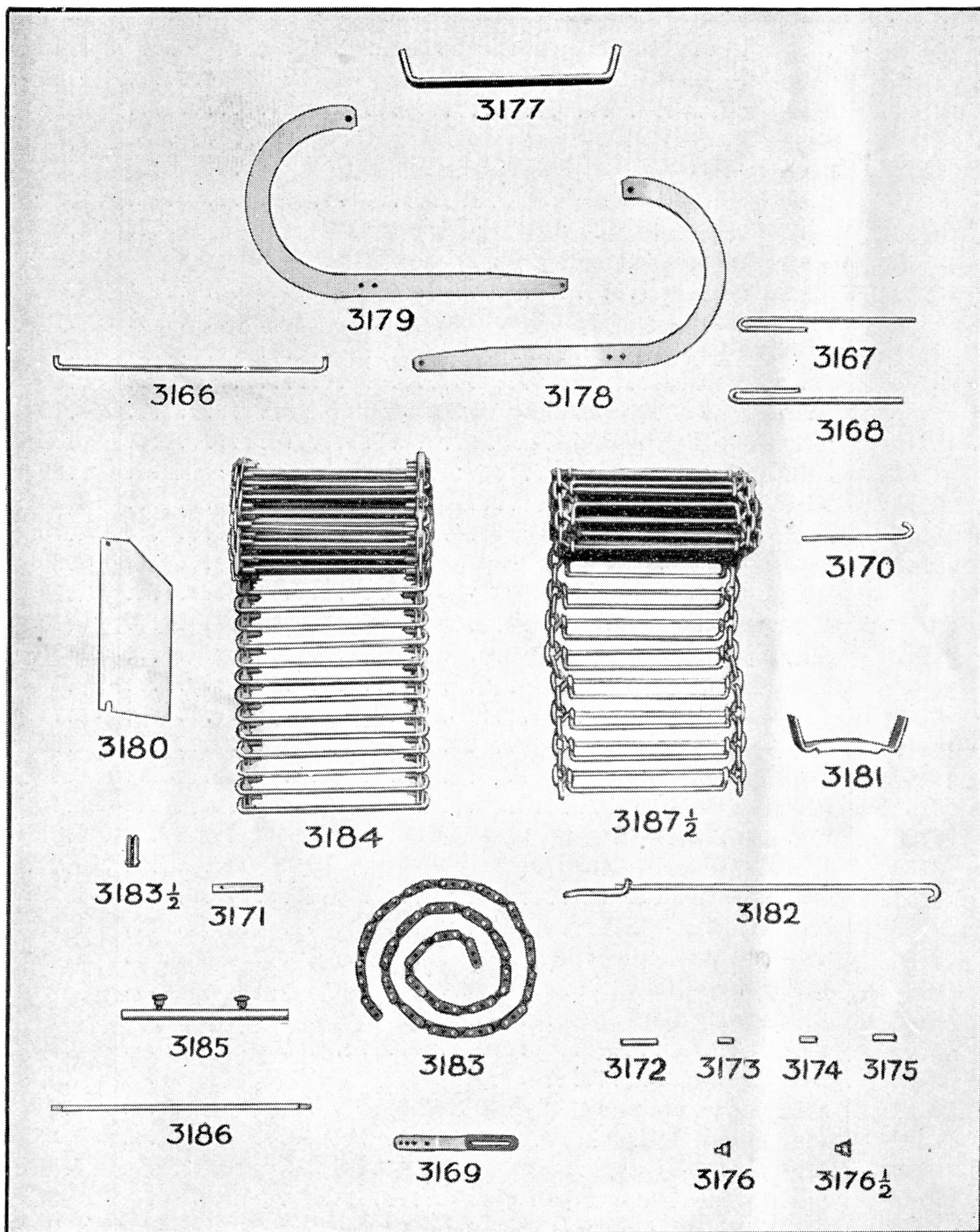


Don't order parts from the illustrations only; refer to the list also.

U. S. WIND ENGINE & PUMP CO., BATAVIA, ILLINOIS, U. S. A.

| Casting No. | Description of Parts | List Price |
|--------------------|--|---------------|
| 3133 | Truck L—Right—Complete with Casting D427 and pin | \$ 1.45 |
| 3134 | Truck L—Left—Complete with Casting D427 and pin | 1.45 |
| 3135 | Seat Arch | 2.55 |
| 3136 | Shovel Arm—Right— $2\frac{1}{4}" \times 2\frac{1}{4}" \times \frac{5}{16}"$ Angle (Bent) | 1.25 |
| 3137 | Shovel Arm—Left— $2\frac{1}{4}" \times 2\frac{1}{4}" \times \frac{5}{16}"$ Angle (") | 1.25 |
| | Plow Bolt for Above $\frac{1}{2}" \times 1\frac{1}{4}"$ | .10 |
| 3138 | Main Frame—Right—with Sliding Box D430 (Ends Bent) . | 4.00 |
| 3139 | Main Frame—Left—with Sliding Box D430. (" ") . | 4.00 |
| 3140 | Agitator Lever | 2.60 |
| | Key for above $\frac{1}{4}" \times \frac{1}{4}" \times 1\frac{7}{8}"$ No. 3140 $\frac{1}{2}$ | .10 |
| 3141 | Agitator Lever Sector | .45 |
| 3142 | Gear Lever | .50 |
| | Bushing for above No. 3214 $\frac{33}{64}" \times \frac{9}{16}"$ | .15 |
| 3143 | Seat Arch Brace—Right | .35 |
| 3143 $\frac{1}{2}$ | Seat Arch Brace—Left | .35 |
| 3144 | Front Lever Complete | 2.60 |
| 3145 | Front Lever Catch with Wire | .75 |
| 3146 | Connecting Link Between Seat and Lever | .80 |
| | Bushing for Above No. 3213 $\frac{1}{2}" \times \frac{7}{16}"$ | .10 |
| | Bolt for Above $\frac{7}{16}" \times 1\frac{1}{2}"$ | .10 |
| 3147 | Malleable Chain—26 Links | 1.30 |
| | Extra Links for above | .10 |
| 3148 | Front Sector | .75 |
| 3149 | Front Sector Brace | .35 |
| 3150 | Front Sector Bracket | .45 |
| 3151 | Hammer Strap | .45 |
| 3152 | Elevator Shield—Right (To fit Shovel 3204 only) | 3.75 |
| 3153 | Elevator Shield—Left. (" " " " ") | 3.75 |
| 3154 | Shaker Shield—Right | 1.20 |
| 3155 | Shaker Shield—Left | 1.00 |
| 3156 | Shaker Extension Shield | 1.00 |
| 3157 | Truck Axle Clip | .40 |
| 3158 | Truck Sway Bar | 1.00 |
| 3159 | Pole Brace | .50 |
| 3160 | Draft Strap | .35 |
| 3161 | Front Lever Handle Clip with Spring | .85 |
| 3162 | Mud Guard—Right | 1.35 |
| 3163 | Mud Guard—Left | 1.35 |
| 3164 | Shaker Shield Support—Right | .90 |
| 3165 | Shaker Shield Support—Left | .90 |
| | Bushing for Right or Left No. 3211 $\frac{33}{64}" \times \frac{7}{16}"$ | .15 |

Don't order parts from the illustrations only; refer to the list also.

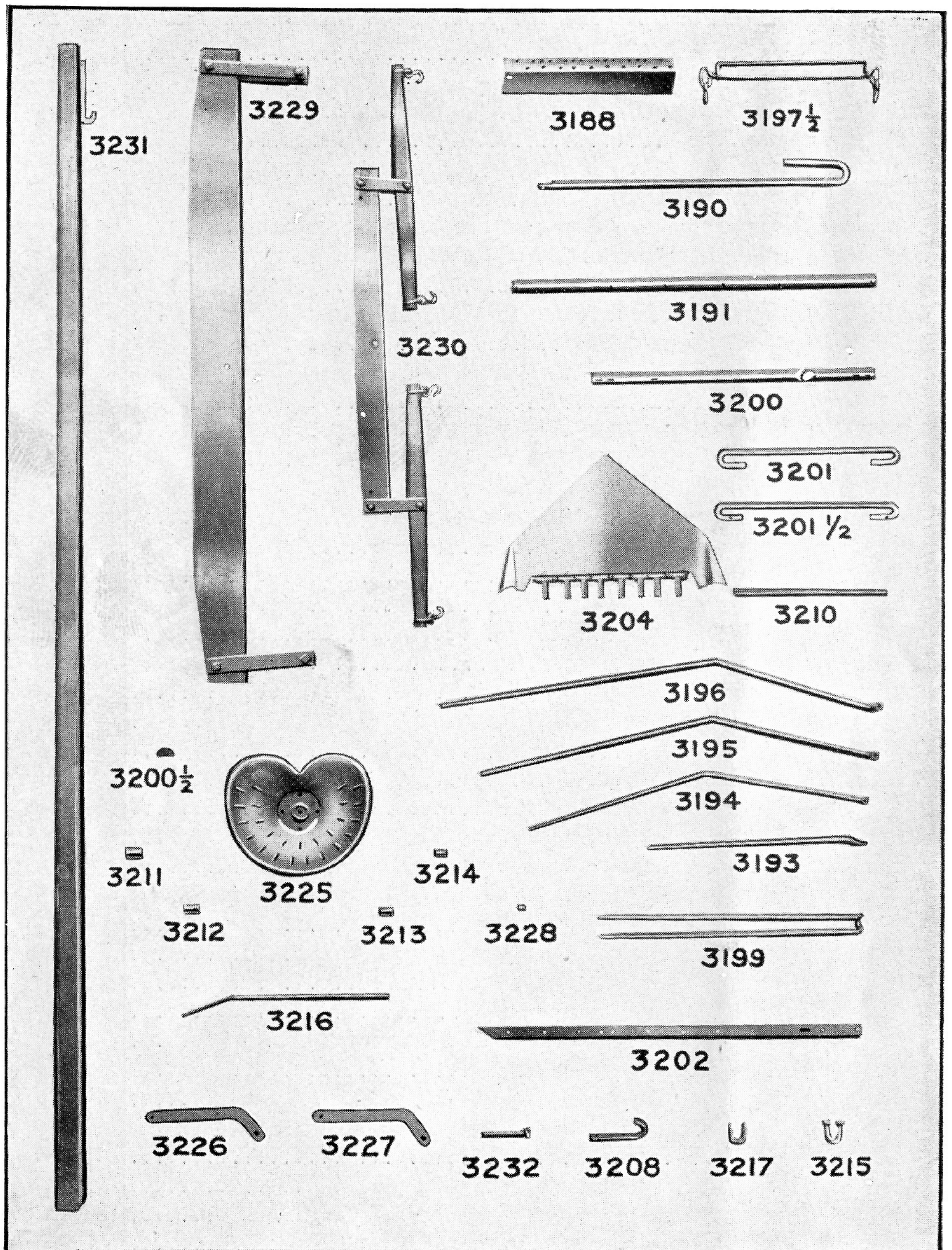


Don't order parts from the illustrations only; refer to the list also.

U. S. WIND ENGINE & PUMP CO, BATAVIA, ILLINOIS, U. S. A.

| Casting No. | Description of Parts | List Price |
|--------------------|--|------------|
| 3166 | Rear Tie Rod $\frac{1}{2}$ " diameter..... | \$.50 |
| 3167 | Shaker Lifting Hook—Right— $\frac{7}{16}$ " diameter..... | .35 |
| 3168 | Shaker Lifting Hook—Left— $\frac{7}{16}$ " diameter..... | .35 |
| 3169 | Shaker Stop..... | .45 |
| | Bushing for above 33/64"x $\frac{7}{16}$ "..... | .15 |
| 3170 | Shaker Side Brace $\frac{7}{16}$ " diameter..... | .30 |
| 3171 | Shaft for Shaker Driving Sprocket—D420 1" diameter..... | .80 |
| 3172 | Bushing for Rollers D415 and D423 $\frac{1}{2}$ "x3 $\frac{13}{16}$ "..... | .15 |
| | Bolt for above $\frac{5}{16}$ "x5"..... | .10 |
| 3173 | Bushing for Lower Idler—D417 $\frac{1}{2}$ $\frac{1}{2}$ "x1 $\frac{9}{16}$ "..... | .10 |
| | Bolt for above $\frac{7}{16}$ "x2 $\frac{3}{4}$ "..... | .10 |
| 3174 | Bushing for Upper Idler D416 and Shaker Roller D404— $\frac{1}{2}$ "x2 $\frac{1}{4}$ "..... | .10 |
| | Bolt for Upper Idler—Front— $\frac{7}{16}$ "x4"..... | .10 |
| | Bolt for Upper Idler—Rear— $\frac{7}{16}$ "x3 $\frac{1}{2}$ "..... | .10 |
| | Bolt for Shaker Roller $\frac{7}{16}$ "x3 $\frac{1}{4}$ "..... | .10 |
| 3175 | Bushing for Agitator Roller D403 $\frac{1}{2}$ "x1 $\frac{7}{8}$ "..... | .10 |
| | Bolt for above $\frac{7}{16}$ "x2 $\frac{3}{4}$ "..... | .10 |
| 3176 | Male Grease Cup..... | .10 |
| 3176 $\frac{1}{2}$ | Female Grease Cup..... | .10 |
| 3177 | Draw Bar Brace..... | 1.35 |
| 3178 | Draw Bar—Right—2 $\frac{3}{4}$ "x $\frac{5}{8}$ "..... | 3.25 |
| 3179 | Draw Bar—Left—2 $\frac{3}{4}$ "x $\frac{5}{8}$ "..... | 3.25 |
| | Bushing for Right or Left No. 3212 33/64"x $\frac{11}{16}$ "..... | .15 |
| 3180 | Drop Shield..... | .75 |
| 3181 | Wheel Lug..... | .80 |
| | Bolt for above $\frac{1}{2}$ "x1 $\frac{1}{4}$ "..... | .10 |
| 3182 | Threaded Hook Rod with Strap Nut $\frac{1}{2}$ " diameter..... | .90 |
| | Bushing for above No. 3211 33/64"x $\frac{7}{16}$ "..... | .15 |
| 3183 | Steel Elevator Chain—56 Links Completely Assembled for One Side of Model "A" Bed..... | 5.15 |
| 3183 $\frac{1}{2}$ | Extra Chain Links—2 pcs. with drilled rivet..... | .20 |
| 3184 | Model "A" Elevator Complete..... | 22.40 |
| | Extra Elevator Bars No. 3201..... | .45 |
| | Extra Elevator Bars—Drilled for Cotter 3201 $\frac{1}{2}$ | .50 |
| | Extra Chain Rivets—plain..... | .05 |
| | Extra Chain Rivets—Drilled with Cotter..... | .10 |
| 3185 | Tubular Box for Shaker Shaft Complete with Two Grease Cups..... | 1.80 |
| 3186 | Shaker Shaft $\frac{3}{4}$ " Diameter—28 $\frac{1}{4}$ " Long..... | .90 |
| 3187 $\frac{1}{2}$ | Model "B" Elevator Bed Complete $\frac{7}{16}$ " Bars..... | 22.40 |
| | Extra Elevator Bar with Two Links No. 3197 $\frac{1}{2}$ | 1.00 |
| | Extra Links only..... | .15 |

Don't order parts from the illustrations only; refer to the list also.

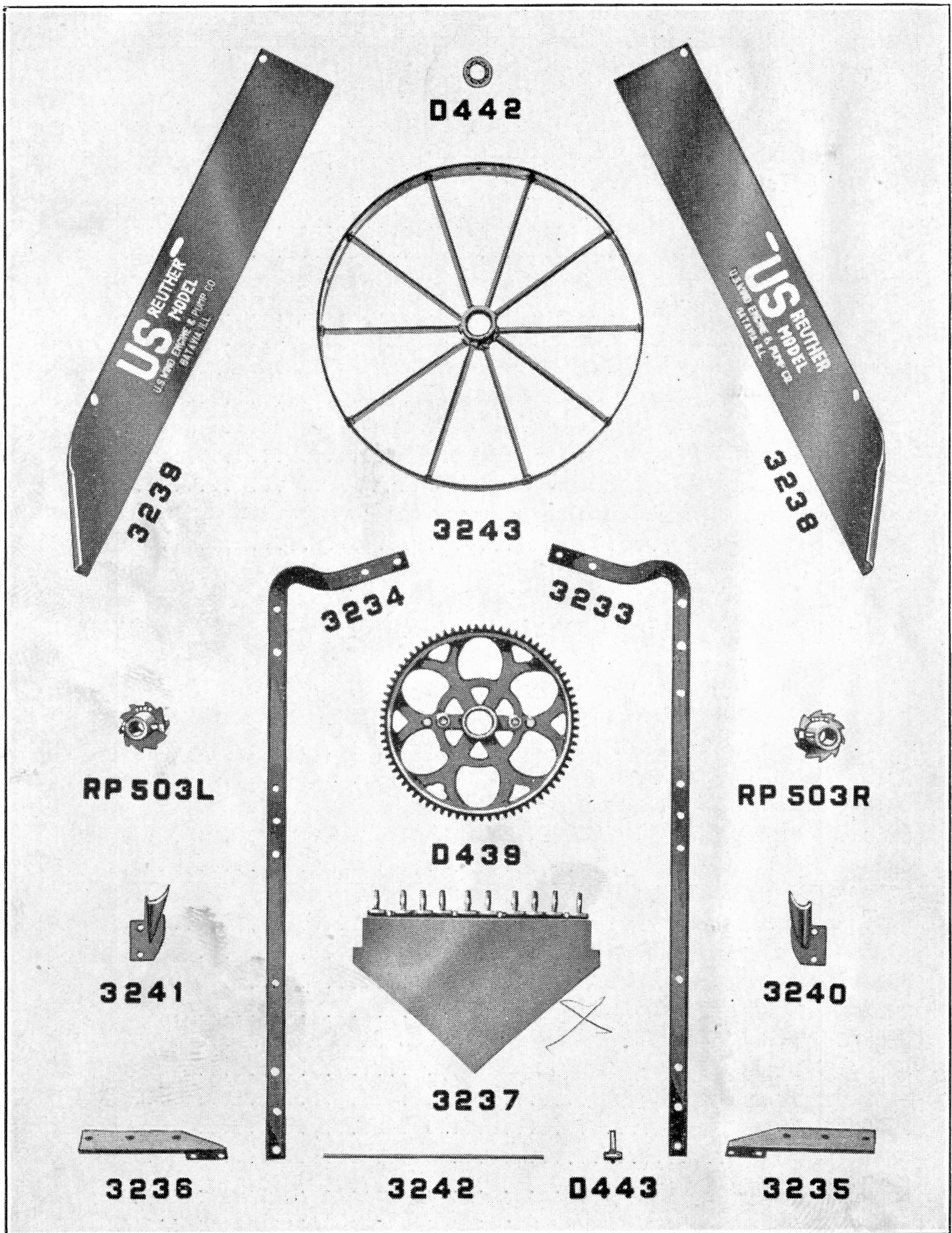


Don't order parts from the illustrations only; refer to the list also.

U. S. WIND ENGINE & PUMP CO., BATAVIA, ILLINOIS, U. S. A.

| Casting No. | Description of Parts | List Price | |
|--------------------|---|---------------------------|------|
| 3188 | Shaker Head 3"x3"x $\frac{1}{4}$ " Angle..... | \$ 1.45 | |
| 3190 | Shaker Supporting Rod $\frac{3}{4}$ " diameter..... | 1.00 | |
| 3191 | Axle 1 $\frac{3}{8}$ " Round 3' 6" Long..... | 2.90 | |
| 3193 | Vine Rod 25 $\frac{1}{2}$ " Long..... | .60 | |
| 3194 | Vine Rod 41" Long..... | .75 | |
| 3195 | Vine Rod 47 $\frac{1}{2}$ " Long..... | .75 | |
| 3196 | Vine Rod 52 $\frac{1}{2}$ " Long..... | .85 | |
| 3197 $\frac{1}{2}$ | Elevator Bar $\frac{7}{16}$ " for Model "B" Elevator complete with Two Links..... | 1.00 | |
| 3199 | Lower Shaker Tines..... | .85 | |
| 3200 | Elevator Drive Shaft 1 $\frac{1}{8}$ " diameter x 2' 8 $\frac{5}{8}$ " Long | 2.40 | |
| 3200 $\frac{1}{2}$ | Key for Elevator Drive Shaft..... | .10 | |
| 3201 | Elevator Bar for Model "A" $\frac{7}{16}$ " Diameter..... | .45 | |
| 3201 $\frac{1}{2}$ | Drilled Elevator Bar for Model "A"..... | .50 | |
| 3202 | Agitator Bar (For Rolls see D403)..... | 1.00 | |
| 3204 | Shovel Complete with Stone Fingers (For Main Frame with Bent End only) | 6.95 | |
| 3208 | Pole Hook..... | .45 | |
| 3210 | Stone Finger Rod $\frac{3}{8}$ " diameter 18" Long | } For Shovel 3204 only | .25 |
| | Stone Finger Rod Assembled Complete. | | 1.90 |
| | Finger Rod Support D436..... | | .10 |
| | Intermediate Finger D437 | | .15 |
| | End Finger D438..... | | .15 |
| 3211 | Bushing for Shaker Shield Support, Shaker Stop and Strap Nut 33/64"x $\frac{7}{16}$ " | .15 | |
| 3212 | Bushing for Draw Bar 33/64"x $\frac{11}{16}$ " | .15 | |
| 3213 | Bushing for Connecting Links $\frac{1}{2}$ "x $\frac{7}{16}$ " | .10 | |
| 3214 | Bushing for Gear Lever 33/64"x $\frac{9}{16}$ " | .15 | |
| 3215 | Shaker U Bolt..... | .30 | |
| 3216 | Front Deflector Rods $\frac{5}{16}$ " diameter with Bolt | .20 | |
| 3217 | Seat Bracket..... | .30 | |
| 3225 | Pressed Steel Seat..... | 1.15 | |
| 3226 | Shaker Shield Brace—Right..... | .25 | |
| 3227 | Shaker Shield Brace—Left..... | .25 | |
| 3228 | Bushing for Shaker Shield Braces 33/64"x9/32" | .15 | |
| | Bolt for Above $\frac{1}{2}$ "x2 $\frac{3}{4}$ " | .10 | |
| 3229 | Four Horse Evener..... | 2.80 | |
| 3230 | Double-tree | 3.95 | |
| 3231 | Pole..... | 4.60 | |
| 3232 | King Bolt..... | .15 | |
| | Tractor Hitch Only..... | 6.00 | |
| | One Man Control Only..... | 10.00 | |

Don't order parts from the illustrations only; refer to the list also.



Don't order parts from the illustrations only; refer to the list also.

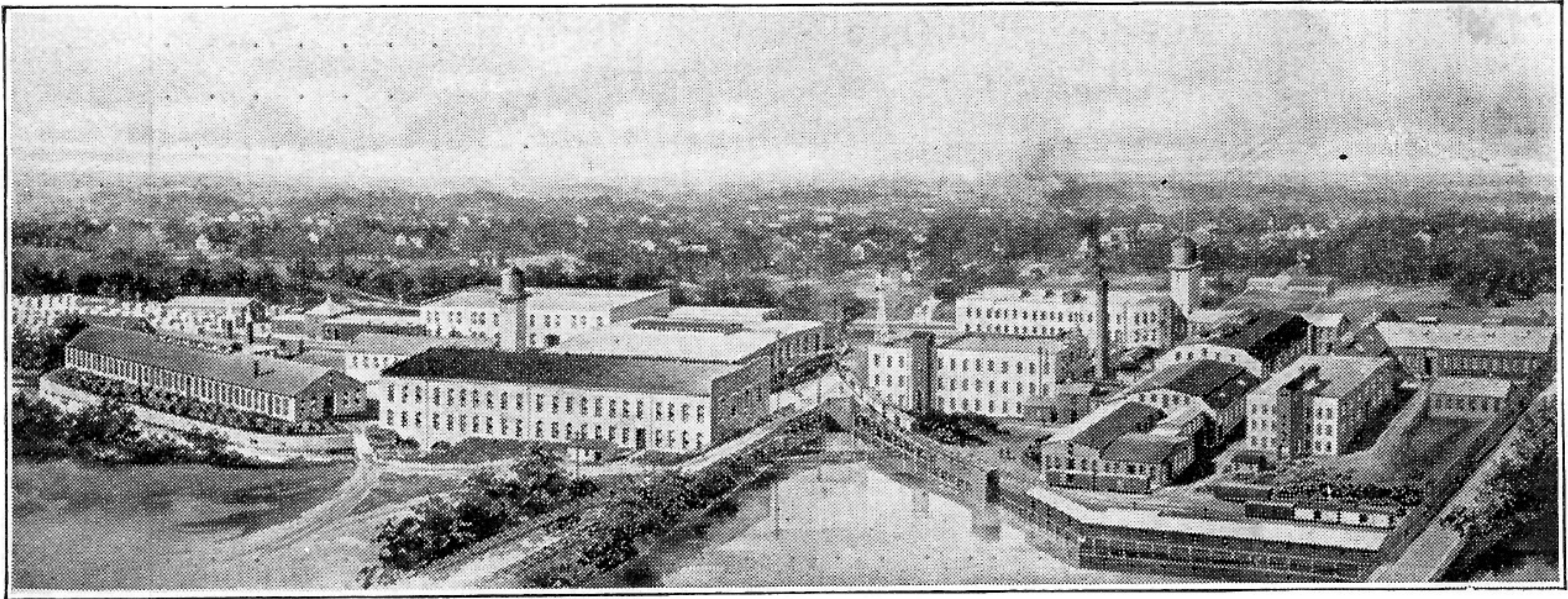
U. S. WIND ENGINE & PUMP CO., BATAVIA, ILLINOIS, U. S. A.

| Casting No. | Description of Parts | List Price |
|--|---|------------|
| D-439 | Gear for Drive Wheel (replacing D-411) | \$5.60 |
| *D-442 | Drive Wheel Washer (For Wheel 3243 only) | .15 |
| *D-443 | End Stone Finger (For Shovel 3237 only) | .15 |
| RP-503R | Hub for Drive Wheel—Right—10 Teeth | 2.80 |
| RP-503L | Hub for Drive Wheel—Left—10 teeth | 2.80 |
| <i>NOTE:—Above hubs interchangeable with hubs OB-621R and OB-622L used in old style wheels.</i> | | |
| *3233 | Main Frame Only Without Sliding Box—Right—(Straight Ends) | 2.55 |
| *3234 | Main Frame Only Without Sliding Box—Left—(Straight Ends) | 2.55 |
| *3235 | Shovel Arm—Right— $2\frac{1}{4} \times 2\frac{1}{4} \times \frac{5}{16}$ " x $14\frac{1}{2}$ " Angle (Straight) | .60 |
| *3236 | Shovel Arm—Left— $2\frac{1}{4} \times 2\frac{1}{4} \times \frac{5}{16}$ " x $14\frac{1}{2}$ " Angle (Straight) | .60 |
| *3237 | Shovel Complete with Stone Fingers $\left\{ \begin{array}{l} \text{For Frames} \\ 3233 \text{ and } 3234 \text{ only} \end{array} \right\}$ | 6.00 |
| *3238 | Elevator Shield—Right $\left\{ \begin{array}{l} \text{Will Fit Shovel 3237 only} \\ \end{array} \right\}$ | 3.75 |
| *3239 | Elevator Shield—Left $\left\{ \begin{array}{l} \text{Will Fit Shovel 3237 only} \\ \end{array} \right\}$ | 3.75 |
| *3240 | Shoe for Elevator Shield—Right | .45 |
| *3241 | Shoe for Elevator Shield—Left | .45 |
| *3242 | Stone Finger Rod $\frac{3}{8}$ " diameter x $21\frac{3}{4}$ " long $\left\{ \begin{array}{l} \text{For Shovel} \\ 3237 \text{ only} \end{array} \right\}$ | .15 |
| | Stone Finger Rod Support D-436 $\left\{ \begin{array}{l} \text{For Shovel} \\ 3237 \text{ only} \end{array} \right\}$ | .10 |
| | Intermediate Finger D-437 $\left\{ \begin{array}{l} \text{For Shovel} \\ 3237 \text{ only} \end{array} \right\}$ | .15 |
| | *End Finger D-443 $\left\{ \begin{array}{l} \text{For Shovel} \\ 3237 \text{ only} \end{array} \right\}$ | .15 |
| 3243 | Drive Wheel Only, without Hub, 32" diam. x 4" rim | 6.00 |
| | Drive Wheel, Right, complete with Hub RP-503R | 8.80 |
| | Drive Wheel, Left, complete with Hub RP-503L | 8.80 |
| <i>NOTE:—Wheels when assembled complete with hubs, are interchangeable with solid hub wheels 3128 and 3129 shown on pages 6 and 7.</i> | | |

*Cannot be used on diggers made prior to 1929.

Don't order parts from the illustrations only; refer to the list also.

Bird's-eye View of Factory of U. S. Wind Engine & Pump Company
Batavia, Illinois, U. S. A.



Over 70 Years in the Same Place

Northwestern Distributors

BARKER-LETZ CO.

312 Washington Ave., North

Minneapolis, Minn.

Eastern Distributors

LE ROY PLOW CO.

LE ROY, NEW YORK